

WHAT IS CLAIMED IS:

1. A radiographic apparatus for obtaining a radiograph of an object, comprising:

a grid movement controller for controlling a movement of a grid which can move reciprocatingly;

an input unit for inputting a method parameter relating to a radiographic method; and

an imaging controller for setting a movement parameter relating to the movement of the grid to be used by said grid movement controller, based on the method parameter input by said input unit.

2. A radiographic apparatus according to claim 1, further comprising a sensor unit for obtaining a radiograph of the object through the grid, wherein said sensor unit includes a plurality of pixels.

3. A radiographic apparatus according to claim 1, wherein the method parameter comprises at least information relating to a section of the object to be imaged.

4. A radiographic apparatus according to claim 1, wherein the movement parameter comprises at least information relating to a movement speed of the grid.

1005454-040000

5. A radiographic apparatus according to claim 1, wherein the movement parameter comprises at least information relating to an effective period between a beginning and a turn of the grid movement.

6. A radiographic apparatus according to claim 1, wherein the movement parameter comprises at least information relating to a standard radiation exposure time corresponding to the method parameter.

7. A radiographic apparatus according to claim 1, wherein the movement parameter comprises at least information relating to an upper limit and a lower limit of an effective radiation exposure time corresponding to the method parameter.

8. A radiographic apparatus according to claim 7, wherein a standard radiation exposure time is determined by dividing an interval between the upper limit and the lower limit by a ratio of $m:n$, where m and n are natural numbers, and the movement parameter is set based on the standard radiation exposure time.

9. A radiographic apparatus according to claim 1,

10035154.010402

further comprising a display device for displaying the movement parameter set by said imaging controller.

10. A radiographic apparatus according to claim 1, further comprising a modifying unit for modifying the movement parameter set by said imaging controller.

11. A radiographic apparatus according to claim 1, further comprising an exposure time acquisition unit for measuring or acquiring data relating to an actual radiation exposure time,

wherein the movement parameter to be set by said imaging controller is modified based on the data measured or acquired by said exposure time acquisition unit.

12. A radiographic method for obtaining a radiograph of an object, comprising the steps of:

controlling a movement of a grid which can move reciprocatingly;

inputting a method parameter relating to a radiographic method; and

setting a movement parameter relating to the movement of the grid to be used in said grid movement controlling step, based on the method parameter input in said inputting step.

10035454-010403

13. A radiographic method according to claim 12, further comprising obtaining the radiograph of the object through the grid, wherein a sensor unit including a plurality of pixels is used in said obtaining step.

14. A radiographic method according to claim 12, wherein the method parameter comprises at least information relating to a section of the object to be imaged.

15. A radiographic method according to 12, wherein the movement parameter comprises at least information relating to a movement speed of the grid.

16. A radiographic method according to 12, wherein the movement parameter comprises at least information relating to an effective period between a beginning and a turn of the grid movement.

17. A radiographic method according to claim 12, wherein the movement parameter comprises at least information relating to a standard radiation exposure time corresponding to the method parameter.

18. A radiographic method according to claim 12,

10035454-010403

wherein the movement parameter comprises at least information relating to an upper limit and a lower limit of an effective radiation exposure time corresponding to the method parameter.

19. A radiographic method according to claim 18, wherein a standard radiation exposure time is determined by dividing an interval between the upper limit and the lower limit by a ratio of $m:n$, where m and n are natural numbers, and the movement parameter is set based on the standard radiation exposure time.

20. A radiographic method according to claim 12, further comprising displaying the movement parameter set in said parameter setting step.

21. A radiographic method according to claim 12, further comprising modifying the movement parameter set in said parameter setting step.

22. A radiographic method according to claim 12, further comprising measuring or acquiring data relating to an actual radiation exposure time,

wherein the movement parameter to be set in said parameter setting step is modified based on the data

20190415140402

measured or acquired in said exposure time measurement or acquisition step.

23. A computer-readable storage medium for storing a software program, said software program comprising program codes for realizing the functions of the radiographic apparatus according to any one of claims 1 through 11.

24. A computer-readable storage medium for storing a software program, said software program comprising program codes for performing the steps of the radiographic method according to any one of claims 12 through 22.

2025154-010403